

Device for Pneumatic Conveying of Bulk Material, Especially Granular Material

Abstract

A device for pneumatically conveying bulk material has at least one flow limiter arranged in a conveying airstream. The flow limiter has a housing and at least one control member arranged in the housing. The control member controls a flow velocity of the conveying airstream as a function of a dynamic pressure differential. The position of the at least one control member in the housing is determined by an equilibrium between a restoring force acting on the at least one control member and an opposed force oriented in a direction opposite to the restoring force. The opposed force is caused by the dynamic pressure differential and acts on the at least one control member.